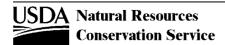
### Clay County, Minnesota

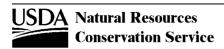
### [Absence of an entry indicates that data were not estimated]

| Management               | Dat of              |                               |                           | Potenti                           | al for habitat         | elements                 |                |                           | Pote                           | ntial as habi                  | tat for                  |
|--------------------------|---------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|----------------|---------------------------|--------------------------------|--------------------------------|--------------------------|
| Map symbol and soil name | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Wood-<br>land<br>wild-<br>life | Wetland<br>wild-<br>life |
| 33B:                     |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Barnes                   | 90                  | Good                          | Good                      | Good                              | Good                   | Good                     | Poor           | Very poor                 | Good                           | Good                           | Very poor                |
| Darnen                   | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Kittson                  | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Langhei                  | 2                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Poorly drained soils     | 2                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 33B2:                    |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Barnes, eroded           | 90                  | Good                          | Good                      | Good                              | Good                   | Good                     | Poor           | Very poor                 | Good                           | Good                           | Very poor                |
| Darnen                   | 4                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Kittson                  | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Langhei                  | 2                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Poorly drained soils     | 1                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 33C2:                    |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Barnes, eroded           | 90                  | Fair                          | Good                      | Good                              | Good                   | Good                     | Very poor      | Very poor                 | Good                           | Good                           | Very poor                |
| Darnen                   | 4                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Langhei                  | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |



Clay County, Minnesota

|                             | D                |                               |                           | Potent                            | al for habitat         | elements                 |                |                           | Pote                           | ntial as habi  | tat for                  |
|-----------------------------|------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|----------------|---------------------------|--------------------------------|----------------|--------------------------|
| Map symbol<br>and soil name | Pct. of map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Fair Good Good | Wetland<br>wild-<br>life |
|                             |                  |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| 33C2:                       |                  |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Sverdrup                    | 3                |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| 36:                         |                  |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Flom                        | 90               | Good                          | Good                      | Good                              | Fair                   | Fair                     | Good           | Good                      | Good                           | Fair           | Good                     |
| Kittson                     | 4                |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Rockwell                    | 3                |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Vallers                     | 3                |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| 38B:                        |                  |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Waukon                      | 90               | Good                          | Good                      | Good                              | Good                   | Good                     | Very poor      | Very poor                 | Good                           | Good           | Very poor                |
| Gonvick                     | 3                |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Sverdrup                    | 3                |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Flom                        | 2                |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Parnell                     | 2                |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| 38B2:                       |                  |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Waukon, eroded              | 90               | Good                          | Good                      | Good                              | Good                   | Good                     | Very poor      | Very poor                 | Good                           | Good           | Very poor                |
| Darnen                      | 4                |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Gonvick                     | 3                |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |



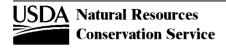
Clay County, Minnesota

| Man aveal al                | Dat of              |                               |                           | Potenti                           | al for habitat         | elements                 |                |                           | Pote                           | ntial as habi  | tat for                  |
|-----------------------------|---------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|----------------|---------------------------|--------------------------------|----------------|--------------------------|
| Map symbol<br>and soil name | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Good Good Good | Wetland<br>wild-<br>life |
|                             |                     |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| 38B2:                       |                     |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Langhei                     | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| 38C:                        |                     |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Waukon                      | 90                  | Good                          | Good                      | Good                              | Good                   | Good                     | Very poor      | Very poor                 | Good                           | Good           | Very poor                |
| Gonvick                     | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Sverdrup                    | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Flom                        | 2                   |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Parnell                     | 2                   |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| 38C2:                       |                     |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Waukon, eroded              | 90                  | Good                          | Good                      | Good                              | Good                   | Good                     | Very poor      | Very poor                 | Good                           | Good           | Very poor                |
| Darnen                      | 2                   |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Flom                        | 2                   |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Gonvick                     | 2                   |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Langhei                     | 2                   |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Parnell                     | 2                   |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| 38D:                        |                     |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Waukon                      | 90                  | Fair                          | Good                      | Good                              | Good                   | Good                     | Very poor      | Very poor                 | Good                           | Good           | Very poor                |



Clay County, Minnesota

|                             | 5. (                |                               |                           | Potenti                           | ial for habitat        | elements                 |                |                           | Pote                           | ntial as habi                  | tat for                  |
|-----------------------------|---------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|----------------|---------------------------|--------------------------------|--------------------------------|--------------------------|
| Map symbol<br>and soil name | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Wood-<br>land<br>wild-<br>life | Wetland<br>wild-<br>life |
|                             |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 38D:                        |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Sverdrup                    | 4                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Flom                        | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Gonvick                     | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 38D2:                       |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Waukon, eroded              | 90                  | Fair                          | Good                      | Good                              | Good                   | Good                     | Very poor      | Very poor                 | Good                           | Good                           | Very poor                |
| Darnen                      | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Gonvick                     | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Flom                        | 2                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Langhei                     | 2                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 38E:                        |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Waukon                      | 90                  | Poor                          | Fair                      | Good                              | Good                   | Good                     | Very poor      | Very poor                 | Good                           | Good                           | Very poor                |
| Lohnes                      | 5                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Sioux                       | 5                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 45B:                        |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Maddock                     | 90                  | Fair                          | Good                      | Good                              | Fair                   | Fair                     | Poor           | Very poor                 | Fair                           | Fair                           | Very poor                |
| Flaming                     | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |



Clay County, Minnesota

|                             | 5                   |                               |                           | Potenti                           | ial for habitat        | elements                 |                |                           | Pote                           | ntial as habi  | tat for                  |
|-----------------------------|---------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|----------------|---------------------------|--------------------------------|----------------|--------------------------|
| Map symbol<br>and soil name | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Fair Fair Fair | Wetland<br>wild-<br>life |
|                             |                     |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| 45B:                        |                     |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Lohnes                      | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Hamar                       | 2                   |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Sverdrup                    | 2                   |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| 45C:                        |                     |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Maddock                     | 90                  | Poor                          | Fair                      | Good                              | Fair                   | Fair                     | Very poor      | Very poor                 | Fair                           | Fair           | Very poor                |
| Lohnes                      | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Sioux                       | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Hamar                       | 2                   |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Sverdrup                    | 2                   |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| 46:                         |                     |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Borup                       | 90                  | Fair                          | Fair                      | Fair                              | Fair                   | Poor                     | Good           | Good                      | Fair                           | Fair           | Good                     |
| Augsburg                    | 4                   |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Glyndon                     | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Wyndmere                    | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| 47:                         |                     |                               |                           |                                   |                        |                          |                |                           |                                |                |                          |
| Colvin                      | 90                  | Poor                          | Fair                      | Fair                              | Fair                   | Fair                     | Good           | Good                      | Poor                           | Fair           | Good                     |



|                              | 5                |                               |                           | Potent                            | ial for habitat        | elements                 |                |                           | Pote                           | Wood- land wild- life  Fair | tat for                  |
|------------------------------|------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|----------------|---------------------------|--------------------------------|-----------------------------|--------------------------|
| Map symbol<br>and soil name  | Pct. of map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | land<br>wild-               | Wetland<br>wild-<br>life |
|                              |                  |                               |                           |                                   |                        |                          |                |                           |                                |                             |                          |
| 47:                          |                  |                               |                           |                                   |                        |                          |                |                           |                                |                             |                          |
| Augsburg                     | 4                |                               |                           |                                   |                        |                          |                |                           |                                |                             |                          |
| Fargo                        | 3                |                               |                           |                                   |                        |                          |                |                           |                                |                             |                          |
| Hegne                        | 3                |                               |                           |                                   |                        |                          |                |                           |                                |                             |                          |
| 50:                          |                  |                               |                           |                                   |                        |                          |                |                           |                                |                             |                          |
| Cashel, occasionally flooded | 90               | Good                          | Good                      | Fair                              |                        |                          | Poor           | Fair                      | Good                           |                             | Poor                     |
| 52:                          |                  |                               |                           |                                   |                        |                          |                |                           |                                |                             |                          |
| Augsburg                     | 90               | Good                          | Good                      | Fair                              | Fair                   | Poor                     | Fair           | Fair                      | Good                           | Fair                        | Fair                     |
| Colvin                       | 5                |                               |                           |                                   |                        |                          |                |                           |                                |                             |                          |
| Wheatville                   | 5                |                               |                           |                                   |                        |                          |                |                           |                                |                             |                          |
| 56:                          |                  |                               |                           |                                   |                        |                          |                |                           |                                |                             |                          |
| Fargo                        | 90               | Good                          | Good                      | Fair                              |                        |                          | Good           | Good                      | Fair                           |                             | Good                     |
| Colvin                       | 5                |                               |                           |                                   |                        |                          |                |                           |                                |                             |                          |
| Hegne                        | 5                |                               |                           |                                   |                        |                          |                |                           |                                |                             |                          |
| 57A:                         |                  |                               |                           |                                   |                        |                          |                |                           |                                |                             |                          |
| Fargo                        | 90               | Good                          | Good                      | Fair                              |                        |                          | Poor           | Fair                      | Fair                           |                             | Poor                     |
| Colvin                       | 4                |                               |                           |                                   |                        |                          |                |                           |                                |                             |                          |



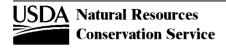
Clay County, Minnesota

|                             | D                   |                               |                           | Potent                            | ial for habitat        | elements                 |                |                           | Pote                           | ential as habit  Wood- land wild- life  Fair Fair Fair Fair | tat for                  |
|-----------------------------|---------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|----------------|---------------------------|--------------------------------|---|--------------------------|
| Map symbol<br>and soil name | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life |   | Wetland<br>wild-<br>life |
|                             |                     |                               |                           |                                   |                        |                          |                |                           |                                |   |                          |
| 57A:                        |                     |                               |                           |                                   |                        |                          |                |                           |                                |   |                          |
| Hegne                       | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |   |                          |
| Wahpeton                    | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |   |                          |
| 57B:                        |                     |                               |                           |                                   |                        |                          |                |                           |                                |   |                          |
| Fargo                       | 90                  | Good                          | Good                      | Fair                              |                        |                          | Poor           | Fair                      | Fair                           |   | Poor                     |
| Hegne                       | 4                   |                               |                           |                                   |                        |                          |                |                           |                                |   |                          |
| Overly                      | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |   |                          |
| Wahpeton                    | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |   |                          |
| 58A:                        |                     |                               |                           |                                   |                        |                          |                |                           |                                |   |                          |
| Kittson                     | 90                  | Good                          | Good                      | Good                              | Fair                   | Fair                     | Fair           | Poor                      | Good                           | Fair  | Fair                     |
| Flom                        | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |   |                          |
| Foxhome                     | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |   |                          |
| Hamerly                     | 2                   |                               |                           |                                   |                        |                          |                |                           |                                |   |                          |
| Swenoda                     | 2                   |                               |                           |                                   |                        |                          |                |                           |                                |   |                          |
| 58B:                        |                     |                               |                           |                                   |                        |                          |                |                           |                                |   |                          |
| Kittson                     | 90                  | Good                          | Good                      | Good                              | Fair                   | Fair                     | Fair           | Poor                      | Good                           | Fair  | Fair                     |
| Barnes                      | 4                   |                               |                           |                                   |                        |                          |                |                           |                                |   |                          |



Clay County, Minnesota

|                             | 5. (                |                               |                           | Potenti                           | al for habitat         | elements                 |                |                           | Pote                           | ential as habi                 | tat for                  |
|-----------------------------|---------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|----------------|---------------------------|--------------------------------|--------------------------------|--------------------------|
| Map symbol<br>and soil name | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Wood-<br>land<br>wild-<br>life | Wetland<br>wild-<br>life |
|                             |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 58B:                        |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Flom                        | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Hamerly                     | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 59:                         |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Grimstad                    | 90                  | Fair                          | Good                      | Fair                              | Fair                   | Fair                     | Fair           | Fair                      | Fair                           | Fair                           | Fair                     |
| Foldahl                     | 4                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Rockwell                    | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Ulen                        | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 60A:                        |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Glyndon                     | 90                  | Good                          | Good                      | Good                              | Fair                   | Poor                     | Poor           | Poor                      | Good                           | Fair                           | Poor                     |
| Borup                       | 4                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Wheatville                  | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Wyndmere                    | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 60B2:                       |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Glyndon, eroded             | 90                  | Good                          | Good                      | Good                              | Fair                   | Poor                     | Poor           | Poor                      | Good                           | Fair                           | Poor                     |
| Bearden                     | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Overly                      | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |



Clay County, Minnesota

| Management                  | Datat               |                               |                           | Potenti                           | al for habitat         | elements                 |                   |                           | Pote                           | ntial as habi                           | at for                   |
|-----------------------------|---------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|-------------------|---------------------------|--------------------------------|---|--------------------------|
| Map symbol<br>and soil name | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland<br>plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Fair Fair Fair Fair Fair Fair Fair Fair | Wetland<br>wild-<br>life |
|                             |                     |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| 60B2:                       |                     |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| Borup                       | 2                   |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| Wheatville                  | 2                   |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| 61:                         |                     |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| Arveson                     | 90                  | Good                          | Good                      | Fair                              | Fair                   | Fair                     | Good              | Good                      | Fair                           | Fair                                    | Good                     |
| Fossum                      | 4                   |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| Rockwell                    | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| Ulen                        | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| 63:                         |                     |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| Rockwell                    | 90                  | Fair                          | Fair                      | Good                              | Fair                   | Fair                     | Good              | Good                      | Fair                           | Fair                                    | Good                     |
| Arveson                     | 4                   |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| Grimstad                    | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| Vallers                     | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| 64:                         |                     |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| Ulen                        | 90                  | Fair                          | Good                      | Good                              | Fair                   | Poor                     | Poor              | Poor                      | Fair                           | Fair                                    | Poor                     |
| Arveson                     | 4                   |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| Flaming                     | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |



Clay County, Minnesota

|                             | ·                   |                               |                           | Potenti                           | al for habitat         | elements                 |                |                           | Pote          | Potential as habit Open-land Wood-land wild-life life  Good Fair Fair Fair Fair Fair | tat for                  |
|-----------------------------|---------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|----------------|---------------------------|---------------|--|--------------------------|
| Map symbol<br>and soil name | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland plants | Shallow<br>water<br>areas | land<br>wild- |  | Wetland<br>wild-<br>life |
|                             |                     |                               |                           |                                   |                        |                          |                |                           |               |  |                          |
| 64:                         |                     |                               |                           |                                   |                        |                          |                |                           |               |  |                          |
| Fossum                      | 3                   |                               |                           |                                   |                        |                          |                |                           |               |  |                          |
| 65:                         |                     |                               |                           |                                   |                        |                          |                |                           |               |  |                          |
| Foxhome                     | 90                  | Good                          | Good                      | Good                              | Fair                   | Fair                     | Poor           | Poor                      | Good          | Fair   | Poor                     |
| Foldahl                     | 2                   |                               |                           |                                   |                        |                          |                |                           |               |  |                          |
| Kittson                     | 2                   |                               |                           |                                   |                        |                          |                |                           |               |  |                          |
| Lohnes                      | 2                   |                               |                           |                                   |                        |                          |                |                           |               |  |                          |
| Mavie                       | 2                   |                               |                           |                                   |                        |                          |                |                           |               |  |                          |
| Roliss                      | 2                   |                               |                           |                                   |                        |                          |                |                           |               |  |                          |
| 66:                         |                     |                               |                           |                                   |                        |                          |                |                           |               |  |                          |
| Flaming                     | 90                  | Fair                          | Fair                      | Good                              | Fair                   | Fair                     | Fair           | Poor                      | Fair          | Fair   | Fair                     |
| Fossum                      | 4                   |                               |                           |                                   |                        |                          |                |                           |               |  |                          |
| Poppleton                   | 3                   |                               |                           |                                   |                        |                          |                |                           |               |  |                          |
| Ulen                        | 3                   |                               |                           |                                   |                        |                          |                |                           |               |  |                          |
| 67A:                        |                     |                               |                           |                                   |                        |                          |                |                           |               |  |                          |
| Bearden                     | 90                  | Good                          | Good                      | Good                              | Good                   | Good                     | Fair           | Fair                      | Good          | Good   | Fair                     |
| Colvin                      | 4                   |                               |                           |                                   |                        |                          |                |                           |               |  |                          |



Clay County, Minnesota

|                             |                     |                               |                           | Potenti                           | ial for habitat        | elements                 |                   |                           | Pote                           | Wood- land wild- life   Good   Fair  Fair  Fair | tat for                  |
|-----------------------------|---------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|-------------------|---------------------------|--------------------------------|---|--------------------------|
| Map symbol<br>and soil name | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland<br>plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | land<br>wild-                                   | Wetland<br>wild-<br>life |
|                             |                     |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| 67A:                        |                     |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| Overly                      | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| Wheatville                  | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| 67B2:                       |                     |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| Bearden, eroded             | 90                  | Good                          | Good                      | Good                              | Good                   | Good                     | Fair              | Fair                      | Good                           | Good  | Fair                     |
| Wheatville                  | 5                   |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| Overly                      | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| Colvin                      | 2                   |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| 68:                         |                     |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| Arveson, depressional       | 90                  | Fair                          | Fair                      | Poor                              | Fair                   | Fair                     | Good              | Good                      | Fair                           | Fair  | Good                     |
| Markey                      | 5                   |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| Rockwell, depressional      | 5                   |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| 71:                         |                     |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| Fossum                      | 90                  | Poor                          | Fair                      | Fair                              | Fair                   | Poor                     | Good              | Good                      | Fair                           | Fair  | Good                     |
| Arveson                     | 4                   |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| Flaming                     | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |
| Rockwell                    | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |   |                          |

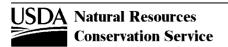


Clay County, Minnesota

| Management                  | Data of             |                               |                           | Potent                            | ial for habitat        | elements                 |                |                           | Pote                           | Good Fair Fair Fair | tat for                  |
|-----------------------------|---------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|----------------|---------------------------|--------------------------------|---------------------|--------------------------|
| Map symbol<br>and soil name | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life |                     | Wetland<br>wild-<br>life |
|                             |                     |                               |                           |                                   |                        |                          |                |                           |                                |                     |                          |
| 93:                         |                     |                               |                           |                                   |                        |                          |                |                           |                                |                     |                          |
| Bearden                     | 90                  | Good                          | Good                      | Good                              | Good                   | Good                     | Fair           | Fair                      | Good                           | Good                | Fair                     |
| Colvin                      | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                     |                          |
| Fargo                       | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                     |                          |
| Overly                      | 2                   |                               |                           |                                   |                        |                          |                |                           |                                |                     |                          |
| Wheatville                  | 2                   |                               |                           |                                   |                        |                          |                |                           |                                |                     |                          |
| 127B:                       |                     |                               |                           |                                   |                        |                          |                |                           |                                |                     |                          |
| Sverdrup                    | 90                  | Fair                          | Fair                      | Fair                              | Fair                   | Fair                     | Poor           | Very poor                 | Fair                           | Fair                | Poor                     |
| Maddock                     | 5                   |                               |                           |                                   |                        |                          |                |                           |                                |                     |                          |
| Swenoda                     | 5                   |                               |                           |                                   |                        |                          |                |                           |                                |                     |                          |
| 127C:                       |                     |                               |                           |                                   |                        |                          |                |                           |                                |                     |                          |
| Sverdrup                    | 90                  | Fair                          | Fair                      | Fair                              | Fair                   | Fair                     | Very poor      | Very poor                 | Fair                           | Fair                | Very poor                |
| Maddock                     | 4                   |                               |                           |                                   |                        |                          |                |                           |                                |                     |                          |
| Sioux                       | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                     |                          |
| Swenoda                     | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                     |                          |
| 148:                        |                     |                               |                           |                                   |                        |                          |                |                           |                                |                     |                          |
| Poppleton                   | 90                  | Poor                          | Fair                      | Fair                              | Fair                   | Fair                     | Poor           | Poor                      | Fair                           | Fair                | Poor                     |



|                                |                     |                               |                           | Potent                            | ial for habitat        | elements                 |                |                           | Pote                           | ntial as habi                  | tat for                  |
|--------------------------------|---------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|----------------|---------------------------|--------------------------------|--------------------------------|--------------------------|
| Map symbol<br>and soil name    | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Wood-<br>land<br>wild-<br>life | Wetland<br>wild-<br>life |
|                                |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 148:                           |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Flaming                        | 4                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Foldahl                        | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Fossum                         | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 157A:                          |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Wahpeton, occasionally flooded | 90                  | Good                          | Good                      | Fair                              | Good                   | Good                     | Poor           | Poor                      | Fair                           | Good                           | Poor                     |
| Fargo                          | 5                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Overly                         | 5                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 157B:                          |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Wahpeton, occasionally flooded | 90                  | Good                          | Good                      | Fair                              | Good                   | Good                     | Poor           | Very poor                 | Fair                           | Good                           | Very poor                |
| Fargo                          | 5                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Overly                         | 5                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 157C:                          |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Wahpeton, occasionally flooded | 90                  | Fair                          | Good                      | Fair                              | Good                   | Good                     | Very poor      | Very poor                 | Fair                           | Good                           | Very poor                |
| Fargo                          | 5                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |



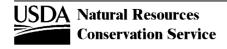
Clay County, Minnesota

| Map symbol<br>and soil name | Datas               |                               |                           | Potenti                           | ial for habitat        | elements                 |                |                           | Pote                           | ntial as habi                  | tat for                  |
|-----------------------------|---------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|----------------|---------------------------|--------------------------------|--------------------------------|--------------------------|
| Map symbol<br>and soil name | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Wood-<br>land<br>wild-<br>life | Wetland<br>wild-<br>life |
|                             |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 157C:<br>Overly             | 5                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 180B:<br>Gonvick            | 90                  | Good                          | Good                      | Good                              | Good                   | Fair                     | Poor           | Poor                      | Good                           | Good                           | Poor                     |
| Flom                        | 5                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Waukon                      | 5                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 184B:<br>Hamerly            | 90                  | Good                          | Good                      | Good                              | Good                   | Good                     | Fair           | Fair                      | Good                           | Good                           | Fair                     |
| Divide                      | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Kittson                     | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Flom                        | 2                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Vallers                     | 2                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 236:<br>Vallers             | 90                  | Fair                          | Fair                      | Fair                              | Fair                   | Poor                     | Good           | Good                      | Fair                           | Fair                           | Good                     |
| Flom                        | 4                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Hamerly                     | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Rockwell                    | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |



Clay County, Minnesota

|                             | D                   |                               |                           | Potenti                           | ial for habita         | t elements               |                   |                           | Pote                           | ential as habit                | at for                   |
|-----------------------------|---------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|-------------------|---------------------------|--------------------------------|--------------------------------|--------------------------|
| Map symbol<br>and soil name | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland<br>plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Wood-<br>land<br>wild-<br>life | Wetland<br>wild-<br>life |
|                             |                     |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| 245B:                       |                     |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Lohnes                      | 90                  | Fair                          | Good                      | Good                              | Poor                   | Poor                     | Poor              | Very poor                 | Good                           | Poor                           | Very poor                |
| Maddock                     | 5                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Sioux                       | 5                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| 293B:                       |                     |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Swenoda                     | 90                  | Fair                          | Fair                      | Good                              | Good                   | Very poor                | Very poor         | Very poor                 | Fair                           | Very poor                      | Very poor                |
| Foldahl                     | 4                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Kittson                     | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Sverdrup                    | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| 335:                        |                     |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Urness                      | 90                  | Fair                          | Fair                      | Fair                              | Poor                   | Very poor                | Good              | Good                      | Fair                           | Poor                           | Poor                     |
| Flom                        | 4                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Quam                        | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Rondeau                     | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| 343A:<br>Wheatville         | 90                  | Good                          | Good                      | Good                              | Fair                   | Poor                     | Poor              | Fair                      | Good                           | Fair                           | Fair                     |
| Augsburg                    | 5                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |

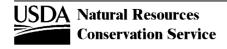


|                             | T                   |                               |                           | Potenti                           | al for habita          | t elements               |                   |                           | Pote                           | ntial as habit   | at for                   |
|-----------------------------|---------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|-------------------|---------------------------|--------------------------------|--|--------------------------|
| Map symbol<br>and soil name | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland<br>plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | rotial as habita  Wood- land wild- life  Fair   Poor   Very poor     Very poor | Wetland<br>wild-<br>life |
|                             |                     |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| 343A:                       |                     |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| Glyndon                     | 5                   |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| 343B2:                      |                     |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| Wheatville, eroded          | 90                  | Good                          | Good                      | Good                              | Fair                   | Poor                     | Poor              | Fair                      | Good                           | Fair   | Fair                     |
| Augsburg                    | 5                   |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| Glyndon                     | 5                   |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| 344:                        |                     |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| Quam                        | 90                  | Fair                          | Fair                      | Poor                              | Poor                   | Poor                     | Good              | Good                      | Fair                           | Poor   | Good                     |
| Flom                        | 5                   |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| Urness                      | 5                   |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| 402B:                       |                     |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| Sioux                       | 90                  | Very poor                     | Very poor                 | Poor                              | Poor                   | Very poor                | Very poor         | Very poor                 | Very poor                      | Very poor  | Very poor                |
| Maddock                     | 4                   |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| Hangaard                    | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| Lohnes                      | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| 402C:<br>Sioux              | 90                  | Very poor                     | Very poor                 | Poor                              | Poor                   | Very poor                | Very poor         | Very poor                 | Very poor                      | Very poor  | Very poor                |



Clay County, Minnesota

|                             | <u> </u>         |                               |                           | Potenti                           | ial for habita         | t elements               |                   |                           | Pote                           | ntial as habit                 | at for                   |
|-----------------------------|------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|-------------------|---------------------------|--------------------------------|--------------------------------|--------------------------|
| Map symbol<br>and soil name | Pct. of map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland<br>plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Wood-<br>land<br>wild-<br>life | Wetland<br>wild-<br>life |
|                             |                  |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| 402C:                       |                  |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Lohnes                      | 5                |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Maddock                     | 5                |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| 402D:                       |                  |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Sioux                       | 90               | Very poor                     | Very poor                 | Poor                              | Poor                   | Very poor                | Very poor         | Very poor                 | Very poor                      | Very poor                      | Very poor                |
| Lohnes                      | 5                |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Maddock                     | 5                |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| 402E:                       |                  |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Sioux                       | 90               | Very poor                     | Very poor                 | Poor                              | Poor                   | Very poor                | Very poor         | Very poor                 | Very poor                      | Very poor                      | Very poor                |
| Langhei                     | 4                |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Lohnes                      | 3                |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Waukon                      | 3                |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| 403:                        |                  |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Viking                      | 90               | Poor                          | Fair                      | Fair                              | Fair                   | Poor                     | Good              | Good                      | Fair                           | Fair                           | Good                     |
| Donaldson                   | 4                |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Fargo                       | 3                |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Northcote                   | 3                |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |



|                             | 5. (                |                               |                           | Potent                            | ial for habitat        | elements                 |                   |                           | Pote                           | ntial as habi                  | tat for                  |
|-----------------------------|---------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|-------------------|---------------------------|--------------------------------|--------------------------------|--------------------------|
| Map symbol<br>and soil name | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland<br>plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Wood-<br>land<br>wild-<br>life | Wetland<br>wild-<br>life |
|                             |                     |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| 413:                        |                     |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Osakis                      | 90                  | Fair                          | Fair                      | Fair                              | Poor                   | Poor                     | Poor              | Poor                      | Fair                           | Poor                           | Poor                     |
| Kittson                     | 4                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Lohnes                      | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Sverdrup                    | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| 425:                        |                     |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Donaldson                   | 90                  | Good                          | Good                      | Good                              | Fair                   | Fair                     | Poor              | Poor                      | Good                           | Fair                           | Poor                     |
| Foldahl                     | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Wheatville                  | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Fargo                       | 2                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Overly                      | 2                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| 426:                        |                     |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Foldahl                     | 90                  | Fair                          | Good                      | Good                              | Fair                   | Poor                     | Poor              | Poor                      | Fair                           | Fair                           | Poor                     |
| Flaming                     | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Grimstad                    | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Kratka                      | 2                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |

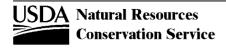


| Management                  | Data of             |                               |                           | Potenti                           | al for habita          | t elements               |                   |                           | Pote                           | ential as habit  | at for                   |
|-----------------------------|---------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|-------------------|---------------------------|--------------------------------|--|--------------------------|
| Map symbol<br>and soil name | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland<br>plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Poor Poor Fair Good Cood - | Wetland<br>wild-<br>life |
|                             |                     |                               |                           |                                   |                        |                          |                   |                           |                                |  | _                        |
| 426:                        |                     |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| Swenoda                     | 2                   |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| 429:                        |                     |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| Northcote                   | 90                  | Fair                          | Good                      | Fair                              | Fair                   | Poor                     | Poor              | Good                      | Fair                           | Poor   | Fair                     |
| Fargo                       | 5                   |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| Viking                      | 5                   |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| 435:                        |                     |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| Syrene                      | 90                  | Fair                          | Fair                      | Fair                              | Fair                   | Poor                     | Good              | Good                      | Fair                           | Fair   | Good                     |
| Markey                      | 5                   |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| Rockwell                    | 5                   |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| 494:                        |                     |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| Darnen                      | 90                  | Good                          | Good                      | Good                              | Good                   | Good                     | Poor              | Poor                      | Good                           | Good   | Poor                     |
| Flom                        | 4                   |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| Gonvick                     | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| Kittson                     | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |  |                          |
| 506:<br>Overly              | 90                  | Good                          | Good                      | Good                              | Good                   | Very poor                | Very poor         | Very poor                 | Good                           | Very poor  | Very poor                |



Clay County, Minnesota

|                             | D                   |                               |                           | Potenti                           | al for habitat         | elements                 |                   |                           | Pote                           | ntial as habi                  | tat for                  |
|-----------------------------|---------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|-------------------|---------------------------|--------------------------------|--------------------------------|--------------------------|
| Map symbol<br>and soil name | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland<br>plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Wood-<br>land<br>wild-<br>life | Wetland<br>wild-<br>life |
|                             |                     |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| 506:                        |                     |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Bearden                     | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Donaldson                   | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Colvin                      | 2                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Wahpeton                    | 2                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| 508:                        |                     |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Wyndmere                    | 90                  | Fair                          | Good                      | Good                              | Good                   | Good                     | Fair              | Poor                      | Good                           | Good                           | Poor                     |
| Borup                       | 5                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Elmville                    | 5                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| 509:                        |                     |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Vallers, bouldery           | 90                  | Poor                          | Fair                      | Fair                              | Fair                   | Poor                     | Good              | Fair                      | Fair                           | Fair                           | Fair                     |
| Flom                        | 5                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Hamerly                     | 5                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| 510:                        |                     |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Elmville                    | 90                  | Good                          | Good                      | Good                              | Good                   | Good                     | Fair              | Poor                      | Good                           | Good                           | Poor                     |
| Augsburg                    | 5                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Wyndmere                    | 5                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |

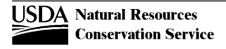


|                             | D                   |                               |                           | Potenti                           | al for habita          | t elements               |                   |                           | Pot                            | ential as habit                | at for                   |
|-----------------------------|---------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|-------------------|---------------------------|--------------------------------|--------------------------------|--------------------------|
| Map symbol<br>and soil name | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland<br>plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Wood-<br>land<br>wild-<br>life | Wetland<br>wild-<br>life |
|                             |                     |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| 540:                        |                     |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Seelyeville                 | 90                  | Very poor                     | Poor                      | Good                              | Poor                   | Poor                     | Good              | Good                      | Fair                           | Poor                           | Good                     |
| Organic soils               | 10                  |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| 543:                        |                     |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Markey                      | 90                  | Very poor                     | Very poor                 | Poor                              | Poor                   | Poor                     | Good              | Good                      | Poor                           | Poor                           | Good                     |
| Arveson                     | 5                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Rockwell                    | 5                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| 544:                        |                     |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Cathro                      | 90                  | Poor                          | Fair                      | Fair                              | Poor                   | Poor                     | Good              | Good                      | Poor                           | Poor                           | Good                     |
| Flom                        | 10                  |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| 545:                        |                     |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Rondeau                     | 90                  | Fair                          | Fair                      | Poor                              | Poor                   | Very poor                | Good              | Good                      | Fair                           | Very poor                      | Good                     |
| Urness                      | 10                  |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| 609:                        |                     |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Dickey                      | 90                  | Fair                          | Good                      | Good                              | Good                   | Good                     | Poor              | Very poor                 | Good                           | Good                           | Very poor                |
| Foldahl                     | 4                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |
| Lohnes                      | 3                   |                               |                           |                                   |                        |                          |                   |                           |                                |                                |                          |



Clay County, Minnesota

|                             | T                   |                               |                           | Potent                            | ial for habita         | t elements               |                |                           | Pote                    | ntial as habit                 | at for                   |
|-----------------------------|---------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|----------------|---------------------------|-------------------------|--------------------------------|--------------------------|
| Map symbol<br>and soil name | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland plants | Shallow<br>water<br>areas | Open-land lawild-life v | Wood-<br>land<br>wild-<br>life | Wetland<br>wild-<br>life |
|                             |                     |                               |                           |                                   |                        |                          |                |                           |                         |                                |                          |
| 609:<br>Swenoda             | 3                   |                               |                           |                                   |                        |                          |                |                           |                         |                                |                          |
| 841:                        |                     |                               |                           |                                   |                        |                          |                |                           |                         |                                |                          |
| Urban land                  | 70                  |                               |                           |                                   |                        |                          |                |                           |                         |                                |                          |
| Fargo                       | 10                  |                               |                           |                                   |                        |                          |                |                           |                         |                                |                          |
| Bearden                     | 5                   |                               |                           |                                   |                        |                          |                |                           |                         |                                |                          |
| Colvin                      | 5                   |                               |                           |                                   |                        |                          |                |                           |                         |                                |                          |
| Overly                      | 5                   |                               |                           |                                   |                        |                          |                |                           |                         |                                |                          |
| Wahpeton                    | 5                   |                               |                           |                                   |                        |                          |                |                           |                         |                                |                          |
| 892B:<br>Sioux              | 50                  | Very poor                     | Very poor                 | Poor                              | Poor                   | Very poor                | Very poor      | Very poor                 | Very poor               | Very poor                      | Very poor                |
| Sverdrup                    | 35                  | Fair                          | Fair                      | Fair                              | Fair                   | Fair                     | Poor           | Very poor                 | Fair                    | Fair                           | Poor                     |
|                             |                     |                               |                           |                                   |                        |                          |                | , p                       |                         |                                |                          |
| Darnen                      | 5                   |                               |                           |                                   |                        |                          |                |                           |                         |                                |                          |
| Lohnes                      | 5                   |                               |                           |                                   |                        |                          |                |                           |                         |                                |                          |
| Maddock                     | 5                   |                               |                           |                                   |                        |                          |                |                           |                         |                                |                          |
| 892C:<br>Sioux              | 55                  | Very poor                     | Very poor                 | Poor                              | Poor                   | Very poor                | Very poor      | Very poor                 | Very poor               | Very poor                      | Very poor                |



|                             | D                   |                               |                           | Potent                            | ial for habitat        | elements                 |                |                           | Potential as habitat for       |                                |                          |  |
|-----------------------------|---------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|----------------|---------------------------|--------------------------------|--------------------------------|--------------------------|--|
| Map symbol<br>and soil name | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Wood-<br>land<br>wild-<br>life | Wetland<br>wild-<br>life |  |
|                             |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| 892C:                       |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| Sverdrup                    | 30                  | Poor                          | Fair                      | Fair                              | Fair                   | Fair                     | Very poor      | Very poor                 | Fair                           | Fair                           | Very poor                |  |
| Darnen                      | 5                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| Lohnes                      | 5                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| Maddock                     | 5                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| 893E:                       |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| Lohnes                      | 60                  | Poor                          | Fair                      | Good                              | Poor                   | Poor                     | Very poor      | Very poor                 | Fair                           | Poor                           | Very poor                |  |
| Waukon                      | 25                  | Poor                          | Fair                      | Good                              | Good                   | Good                     | Very poor      | Very poor                 | Good                           | Good                           | Very poor                |  |
| Darnen                      | 5                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| Langhei                     | 5                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| Sioux                       | 5                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| 903B:                       |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| Barnes                      | 60                  | Good                          | Good                      | Good                              | Good                   | Good                     | Poor           | Very poor                 | Good                           | Good                           | Very poor                |  |
| Langhei                     | 30                  | Good                          | Good                      | Fair                              | Fair                   | Fair                     | Poor           | Very poor                 | Good                           | Fair                           | Very poor                |  |
| Darnen                      | 4                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| Flom                        | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |



|                             | T                   |                               |                           | Potenti                           | al for habitat         | elements                 |                |                           | Pote                           | ntial as habi                  | tat for                  |
|-----------------------------|---------------------|-------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|----------------|---------------------------|--------------------------------|--------------------------------|--------------------------|
| Map symbol<br>and soil name | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Wood-<br>land<br>wild-<br>life | Wetland<br>wild-<br>life |
|                             |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 903B:                       |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Kittson                     | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 908:                        |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Bearden                     | 55                  | Good                          | Good                      | Good                              | Good                   | Good                     | Fair           | Fair                      | Good                           | Good                           | Fair                     |
| Fargo                       | 35                  | Good                          | Good                      | Fair                              | Fair                   |                          | Poor           | Good                      | Fair                           |                                | Fair                     |
| Wheatville                  | 10                  |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 935:                        |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Hegne                       | 55                  | Fair                          | Fair                      | Fair                              | Fair                   | Poor                     | Poor           | Good                      | Fair                           | Fair                           | Fair                     |
| Fargo                       | 40                  | Good                          | Good                      | Fair                              |                        |                          | Poor           | Fair                      | Fair                           |                                | Poor                     |
| Bearden                     | 5                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 942C2:                      |                     |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Langhei, eroded             | 60                  | Fair                          | Good                      | Fair                              | Fair                   | Fair                     | Very poor      | Very poor                 | Fair                           | Fair                           | Very poor                |
| Barnes, eroded              | 30                  | Fair                          | Good                      | Good                              | Good                   | Good                     | Very poor      | Very poor                 | Good                           | Good                           | Very poor                |
| Darnen                      | 4                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Flom                        | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Kittson                     | 3                   |                               |                           |                                   |                        |                          |                |                           |                                |                                |                          |



| Mara assertial              | Data of             | Potential for habitat elements |                           |                                   |                        |                          |                   |                           |                                | Potential as habitat for       |                          |  |  |
|-----------------------------|---------------------|--------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|-------------------|---------------------------|--------------------------------|--------------------------------|--------------------------|--|--|
| Map symbol<br>and soil name | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops  | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland<br>plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Wood-<br>land<br>wild-<br>life | Wetland<br>wild-<br>life |  |  |
|                             |                     |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |
| 942D2:<br>Langhei, eroded   | 65                  | Fair                           | Fair                      | Fair                              | Fair                   | Fair                     | Very poor         | Very poor                 | Fair                           | Fair                           | Very poor                |  |  |
| Langher, eroded             | 65                  | i ali                          | raii                      | raii                              | raii                   | raii                     | very poor         | very poor                 | raii                           | i ali                          | very poor                |  |  |
| Barnes, eroded              | 25                  | Poor                           | Fair                      | Good                              | Good                   | Good                     | Very poor         | Very poor                 | Fair                           | Good                           | Very poor                |  |  |
| Darnen                      | 4                   |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |
| Flom                        | 3                   |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |
| Kittson                     | 3                   |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |
| 966C:                       |                     |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |
| Waukon                      | 55                  | Good                           | Good                      | Good                              | Good                   | Good                     | Very poor         | Very poor                 | Good                           | Good                           | Very poor                |  |  |
| Sioux                       | 35                  | Very poor                      | Very poor                 | Poor                              | Poor                   | Very poor                | Very poor         | Very poor                 | Very poor                      | Very poor                      | Very poor                |  |  |
| Darnen                      | 4                   |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |
| Gonvick                     | 3                   |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |
| Langhei                     | 3                   |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |
| 966D:                       |                     |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |
| Waukon                      | 55                  | Fair                           | Good                      | Good                              | Good                   | Good                     | Very poor         | Very poor                 | Good                           | Good                           | Very poor                |  |  |
| Sioux                       | 35                  | Very poor                      | Very poor                 | Poor                              | Poor                   | Very poor                | Very poor         | Very poor                 | Very poor                      | Very poor                      | Very poor                |  |  |
| Darnen                      | 4                   |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |



Clay County, Minnesota

|                             | D                   | Potential for habitat elements |                           |                                   |                        |                          |                |                           |                                | ntial as habi                  | tat for                  |
|-----------------------------|---------------------|--------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|----------------|---------------------------|--------------------------------|--------------------------------|--------------------------|
| Map symbol<br>and soil name | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops  | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Wood-<br>land<br>wild-<br>life | Wetland<br>wild-<br>life |
|                             |                     |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 966D:                       |                     |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Gonvick                     | 3                   |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Langhei                     | 3                   |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 967B2:                      |                     |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Waukon, eroded              | 60                  | Good                           | Good                      | Good                              | Good                   | Good                     | Very poor      | Very poor                 | Good                           | Good                           | Very poor                |
| Langhei, eroded             | 30                  | Good                           | Good                      | Fair                              | Fair                   | Fair                     | Poor           | Very poor                 | Good                           | Fair                           | Very poor                |
| Darnen                      | 4                   |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Flom                        | 3                   |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Gonvick                     | 3                   |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 979C2:                      |                     |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Langhei, eroded             | 60                  | Fair                           | Good                      | Fair                              | Fair                   | Fair                     | Very poor      | Very poor                 | Fair                           | Fair                           | Very poor                |
| Waukon, eroded              | 30                  | Good                           | Good                      | Good                              | Good                   | Good                     | Very poor      | Very poor                 | Good                           | Good                           | Very poor                |
| Darnen                      | 4                   |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Flom                        | 3                   |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| Gonvick                     | 3                   |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |
| 979D2:<br>Langhei, eroded   | 65                  | Fair                           | Fair                      | Fair                              | Fair                   | Fair                     | Very poor      | Very poor                 | Fair                           | Fair                           | Very poor                |



| Map symbol                    | Det of           | Potential for habitat elements |                           |                                   |                        |                          |                   |                           |                                | Potential as habitat for       |                          |  |
|-------------------------------|------------------|--------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|-------------------|---------------------------|--------------------------------|--------------------------------|--------------------------|--|
| and soil name                 | Pct. of map unit | Grain<br>and<br>seed<br>crops  | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland<br>plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Wood-<br>land<br>wild-<br>life | Wetland<br>wild-<br>life |  |
|                               |                  |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |
| 979D2:                        |                  |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |
| Waukon, eroded                | 25               | Fair                           | Good                      | Good                              | Good                   | Good                     | Very poor         | Very poor                 | Good                           | Good                           | Very poor                |  |
| Darnen                        | 4                |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |
| Flom                          | 3                |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |
| Gonvick                       | 3                |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |
| 987:                          |                  |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |
| Rockwell, depressional        | 90               | Fair                           | Fair                      | Good                              | Fair                   | Fair                     | Good              | Good                      | Fair                           | Fair                           | Good                     |  |
| Arveson                       | 4                |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |
| Cathro                        | 3                |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |
| Markey                        | 3                |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |
| 1001:                         |                  |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |
| Haplaquolls, level            | 45               | Very poor                      | Poor                      | Poor                              | Poor                   | Poor                     | Good              | Good                      | Very poor                      | Poor                           | Good                     |  |
| Udifluvents, level            | 45               | Very poor                      | Poor                      | Poor                              | Poor                   | Poor                     | Good              | Good                      | Very poor                      | Poor                           | Good                     |  |
| Poorly drained soils          | 5                |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |
| Somewhat poorly drained soils | 5                |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |



| Map symbol                                  | Data of          | Potential for habitat elements |                           |                                   |                        |                          |                |                           |                                | Potential as habitat for       |                          |  |
|---|------------------|--------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|----------------|---------------------------|--------------------------------|--------------------------------|--------------------------|--|
| and soil name                               | Pct. of map unit | Grain<br>and<br>seed<br>crops  | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Wood-<br>land<br>wild-<br>life | Wetland<br>wild-<br>life |  |
|   |                  |                                | _                         |                                   |                        |                          |                |                           |                                |                                |                          |  |
| 1005:                                       |                  |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| Fluvaquents, loamy                          | 90               |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| Marsh                                       | 5                |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| Soils with a thin layer of organic material | 5                |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| 1006:                                       |                  |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| Fluvaquents                                 | 55               |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| Haploborolls                                | 35               |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| Bearden                                     | 2                |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| Fargo                                       | 2                |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| Wahpeton                                    | 2                |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| Wheatville                                  | 2                |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| Cashel                                      | 1                |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| Marsh                                       | 1                |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| 1029:<br>Pits, gravel                       | 100              |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |



|                                   | T                   | Potential for habitat elements |                           |                                   |                        |                          |                |                           |                                | Potential as habitat for       |                          |  |  |
|-----------------------------------|---------------------|--------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|----------------|---------------------------|--------------------------------|--------------------------------|--------------------------|--|--|
| Map symbol<br>and soil name       | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops  | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Wood-<br>land<br>wild-<br>life | Wetland<br>wild-<br>life |  |  |
|                                   |                     |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |  |
| 1055:                             |                     |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |  |
| Haplaquolls, ponded               | 45                  |                                |                           |                                   | Very poor              |                          | Good           | Good                      |                                |                                | Good                     |  |  |
| Histosols, ponded                 | 45                  |                                |                           |                                   | Very poor              |                          | Good           | Good                      |                                |                                | Good                     |  |  |
| Organic Soils                     | 10                  |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |  |
| 1819:                             |                     |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |  |
| Glyndon                           | 90                  | Good                           | Good                      | Good                              | Fair                   | Poor                     | Poor           | Poor                      | Good                           | Fair                           | Poor                     |  |  |
| Overly                            | 4                   |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |  |
| Bearden                           | 3                   |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |  |
| Borup                             | 3                   |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |  |
| 1854:                             |                     |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |  |
| Wyndmere, saline                  | 70                  | Fair                           | Fair                      | Good                              | Poor                   | Poor                     | Poor           | Poor                      | Fair                           | Poor                           | Poor                     |  |  |
| Wyndmere, moderately well drained | 20                  | Fair                           | Good                      | Good                              | Good                   | Good                     | Fair           | Poor                      | Good                           | Good                           | Poor                     |  |  |
| Augsburg                          | 4                   |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |  |
| Borup                             | 3                   |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |  |
| Wheatville                        | 3                   |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |  |



| Management                      | <u> </u>            | Potential for habitat elements |                           |                                   |                        |                          |                   |                           |                                | Potential as habitat for       |                          |  |  |
|---------------------------------|---------------------|--------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|-------------------|---------------------------|--------------------------------|--------------------------------|--------------------------|--|--|
| Map symbol<br>and soil name     | Pct. of<br>map unit | Grain<br>and<br>seed<br>crops  | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland<br>plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Wood-<br>land<br>wild-<br>life | Wetland<br>wild-<br>life |  |  |
|                                 |                     |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |
| 1871:                           |                     |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |
| Fargo, swales                   | 90                  | Very poor                      | Poor                      | Fair                              |                        |                          | Poor              | Good                      | Poor                           |                                | Fair                     |  |  |
| Colvin                          | 10                  |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |
| 1872:                           |                     |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |
| Fargo, silty substratum         | 90                  | Good                           | Good                      | Fair                              | Fair                   |                          | Poor              | Good                      | Fair                           |                                | Fair                     |  |  |
| Bearden                         | 5                   |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |
| Colvin                          | 5                   |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |
| 1873:                           |                     |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |
| Fargo, silty substratum, swales | 90                  |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |
| Colvin                          | 10                  |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |
| 1874:                           |                     |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |
| Lohnes                          | 90                  | Fair                           | Good                      | Good                              | Poor                   | Poor                     | Poor              | Very poor                 | Good                           | Fair                           | Very poor                |  |  |
| Flaming                         | 5                   |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |
| Maddock                         | 5                   |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |
| 1875:                           |                     |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |
| Flom, depressional              | 90                  | Poor                           | Poor                      | Poor                              | Poor                   | Poor                     | Good              | Good                      | Poor                           | Poor                           | Good                     |  |  |
| Rockwell                        | 10                  |                                |                           |                                   |                        |                          |                   |                           |                                |                                |                          |  |  |



| Map symbol                   | Pct. of<br>map unit | Potential for habitat elements |                           |                                   |                        |                          |                |                           |                                | Potential as habitat for       |                          |  |
|------------------------------|---------------------|--------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------|----------------|---------------------------|--------------------------------|--------------------------------|--------------------------|--|
| and soil name                |                     | Grain<br>and<br>seed<br>crops  | Grasses<br>and<br>legumes | Wild<br>herba-<br>ceous<br>plants | Hard-<br>wood<br>trees | Conif-<br>erous<br>trees | Wetland plants | Shallow<br>water<br>areas | Open-<br>land<br>wild-<br>life | Wood-<br>land<br>wild-<br>life | Wetland<br>wild-<br>life |  |
| 1876:                        |                     |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| Divide, loamy substratum     | 90                  | Fair                           | Fair                      | Good                              | Good                   | Good                     | Fair           | Very poor                 | Fair                           | Good                           | Poor                     |  |
| Foxhome                      | 5                   |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| Osakis                       | 5                   |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| M-W:<br>Water, miscellaneous | 100                 |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |
| W:<br>Water                  | 100                 |                                |                           |                                   |                        |                          |                |                           |                                |                                |                          |  |

